CV - Sagiv Malihi

CONTACT INFORMATION	King David Ave. 23/8, Tel-Aviv	*Cellular:* 052-6087182 *E-mail:* sagivmalihi@gmail.com

EDUCATION

Hebrew University, Jerusalem, Israel   **2005 - 2008**

B.Sc., Mathematics (Final Average - 96.6)
Participated in a research project under supervision of prof. Ofer Biham -
wrote a simulation for particle interactions on interstellar dust grains and used it to study models
for H_2 creation in the interstellar medium.

"Haman Talpiot - Aham" Course, IDF   **August 2000 - February 2001**

University-level education in applied mathematics (Statistics/Probability Theory and Algebra)
Also - selected subjects in computer-science (Algorithms/Data Structures) and programming
skills (mostly in C/C++/Python)

Galili High School, Kfar-Saba, Israel   **1997 - 2000**

Graduated with honors, 5 point bagrut in Computer-Science, Physics, and Computer-Graphics

PROFESSIONAL EXPERIENCE

Intucell *Software Team Leader*   **2011 - Present**
Leading the Infrasturcture Team developing a highly scalable, fault tolerant system for cellular
networks radio optimization

IBM - XIV *Software Developer*   **2009 - 2011**
Storage-related software development, mostly in Python

Klapka.co.il *Web development and System Administration*   **2008**
Django & Python based website, co-developed with two of my friends, mostly as a hobby

TACT - Software Experts *Information Security Research*   **2006 - 2009**
Assigned to a classified project at IDF intelligence unit

IDF - Intelligence Corps Technological Unit

Information Security Research   **2001-2004**
Low-level programming in embedded systems, network security research, and embedded security
research.

R&D   **2001-2004**
Mathematical research, algorithms development (Python), development of high-performance code
in massively parallelled environments (C)

SKILLS

- Expert in Python (also has experience in embedding and extending python with native code)
- Experience in web development using django
- Thorough knowledge of C/C++
- Intimately familiar with the world of computer security
- Experience in Assembly programming (also for ARM/PowerPC/MIPS)
- Experience in developing under Unix/Linux operating systems, and also under windows.
- Scripting (perl / unix shells (bash/tcsh) / python)
- Familiar with many of the popular networking protocols (TCP/IP, HTTP, SNMP . . .)
- Highly motivated self-learner